

PAGE: 1

RAW SEQUENCE LISTING
PATENT APPLICATION US/09/437,458

DATE: 04/13/2000
TIME: 09:51:21

Input Set: I437458.RAW

This Raw Listing contains the General Information
Section and up to first 5 pages.

ENTERED

```

1  <110> APPLICANT: Giordano, Anthony
2      Xavier, Ashish
3  <120> TITLE OF INVENTION: NUCLEIC ACID SEQUENCES AND METHODS FOR
4      IDENTIFYING COMPOUNDS THAT AFFECT RNA/RNA BINDING PROTEIN
5      INTERACTIONS AND MRNA FUNCTIONALITY
6  <130> FILE REFERENCE: 50093/014001
7  <140> CURRENT APPLICATION NUMBER: US/09/437,458
8  <141> CURRENT FILING DATE: 1999-11-10
9  <160> NUMBER OF SEQ ID NOS: 20
10 <170> SOFTWARE: FastSEQ for Windows Version 4.0
11 <210> SEQ ID NO 1
12 <211> LENGTH: 278
13 <212> TYPE: DNA
14 <213> ORGANISM: Homo sapiens
15 <400> SEQUENCE: 1
16      ctgggtaact agggaagata atattaagga agacaatgtg aaaagaaaaa tgagcctggc      60
17      aagaatgcgt ttaaacttgg tttttaaaaa actgctgact gttttctctt gagagggtgg      120
18      aatatccaat attcgctgtg tcagcataga agtaacttac ttaggtgtgg gggaagcacc      180
19      ataactttgt ttagcccaaa accaagtcaa gtgaaaaagg aggaagagaa aaaatatttt      240
20      cctgccaggc atggaggccc acgcacttcg ggaggtcg      278
21 <210> SEQ ID NO 2
22 <211> LENGTH: 243
23 <212> TYPE: DNA
24 <213> ORGANISM: Homo sapiens
25 <400> SEQUENCE: 2
26      gaagtaacta atgtttgaaa ttttaaagta cttttgggta tttttctgtc atcaaacaaa      60
27      acaggtatca gtgcattatt aaatgaatat ttaaattaga cattaccagt aatttcatgt      120
28      ctacttttta aaatcagcaa tgaacaata atttgaaatt tctaaattca tagggtagaa      180
29      tcacctgtaa aagcttgttt gatttcttaa agttattaaa cttgtacata taccaaaaag      240
30      aag      243
31 <210> SEQ ID NO 3
32 <211> LENGTH: 122
33 <212> TYPE: DNA
34 <213> ORGANISM: Homo sapiens
35 <400> SEQUENCE: 3
36      gggcggttgg ctttgttggg tgagcttggt tgtgtccctg tgggtggacg tggttggtga      60
37      ttggcaggat cctggtatcc gctaacagaa ctagggtcaa atgcagatct tcgtgaaaac      120
38      cc      122
39 <210> SEQ ID NO 4
40 <211> LENGTH: 127
41 <212> TYPE: DNA
42 <213> ORGANISM: Homo sapiens
43 <400> SEQUENCE: 4
44      ctcccagccc gtctccccgc tccagtttag aacctaattc ccaattcccc gaccgggccc      60

```

PAGE: 2

RAW SEQUENCE LISTING
PATENT APPLICATION US/09/437,458

DATE: 04/13/2000
TIME: 09:51:21

Input Set: I437458.RAW

```

45      agccctgggc tcttactgtc cgcttttgct gggacctgtt ccacaaatgg gcgtcttctg      120
46      ccttggg                                           127
47      <210> SEQ ID NO 5
48      <211> LENGTH: 190
49      <212> TYPE: DNA
50      <213> ORGANISM: Homo sapiens
51      <400> SEQUENCE: 5
52      agcgcgccggg caggccaccc cgagcccctt aactgcgcag gcgctctcac tcagaaaggc      60
53      cgctgggtgc gggagcgcag aggcggtgca gggcggtgctg ctgcctcgg cgtgcagtgc      120
54      gcgtgcgtgg agctgggagc taggtcctcg gagtgggcca gagatggcgg cggccgacgg      180
55      ggctttgccg                                           190
56      <210> SEQ ID NO 6
57      <211> LENGTH: 69
58      <212> TYPE: DNA
59      <213> ORGANISM: Homo sapiens
60      <400> SEQUENCE: 6
61      ttctttgctg agggtcacat tgagctgcag gttgaatccg ggggtgccttt aggattcagc      60
62      accatggcg                                           69
63      <210> SEQ ID NO 7
64      <211> LENGTH: 84
65      <212> TYPE: DNA
66      <213> ORGANISM: Homo sapiens
67      <400> SEQUENCE: 7
68      aagtccttcc tgtctctgca gcttgttccc ggaagttttg ctgctagtcg cggacgcaat      60
69      ggcttcaagg ttacttcgcg gagc                                           84
70      <210> SEQ ID NO 8
71      <211> LENGTH: 230
72      <212> TYPE: DNA
73      <213> ORGANISM: Homo sapiens
74      <400> SEQUENCE: 8
75      actgcgaagc ggcttcttca gagcacgggc tggaactggc aggcaccgcg agcccctagc      60
76      acccgacaag ctgagtgtgc aggacgagtc cccaccacac ccacaccaca gccgctgaat      120
77      gaggttcca ggcgtccgct cgcgcccgcg agagccccgc cgtgggtccg cccgctgagg      180
78      cgccccagc cagtgcgctt acctgccaga ctgcgcgcca tggggcaacc      230
79      <210> SEQ ID NO 9
80      <211> LENGTH: 234
81      <212> TYPE: DNA
82      <213> ORGANISM: Homo sapiens
83      <400> SEQUENCE: 9
84      gtggcgcgag cttctgaaac taggcggcag aggcggagcc gctgtggcac tgctgcgcct      60
85      ctgctgcgcc tcgggtgtct tttgcggcgg tgggtcgccg ccgggagaag cgtgagggga      120
86      cagatttgtg accggcgcgg tttttgtcag cttactccgg ccaaaaaaga actgcacctc      180
87      tggagcggac ttatttacca agcattggag gaatatcgta ggtaaaaatg ccta      234
88      <210> SEQ ID NO 10
89      <211> LENGTH: 260
90      <212> TYPE: DNA
91      <213> ORGANISM: Homo sapiens
92      <400> SEQUENCE: 10
93      ggaaaaggcta aagacgatca tgagagagaa atattcaaag tgttcgagct gaatatttta      60
94      atttatgagt ttttgatagc tttatttttt aagtatttat atatttataa ctcatacataa      120

```

DATE: 04/13/2000
TIME: 09:51:21

| | | |
|-----|---|-----|
| 95 | aataaagtagt atatagaatc taacagcaat ggcattttaat gtattggcta tgtttacttg | 180 |
| 96 | acaaatgaaa ttatgggtttg caacttttag ggaaatcaat ttagtttacc aagagactat | 240 |
| 97 | aaatgctatg gagccaaaac | 260 |
| 98 | <210> SEQ ID NO 11 | |
| 99 | <211> LENGTH: 159 | |
| 100 | <212> TYPE: DNA | |
| 101 | <213> ORGANISM: Homo sapiens | |
| 102 | <400> SEQUENCE: 11 | |
| 103 | gtccaggaac tcctcagcag cgctccttc agctccacag ccagacgccc tcagacagca | 60 |
| 104 | aagcctaccc ccgcgcgcgc ccctgcccgc cgctgcgatg ctgcgccgcg ccctgctgct | 120 |
| 105 | gtgcgcggtc ctggcgctca gccatacagc aaatccttg | 159 |
| 106 | <210> SEQ ID NO 12 | |
| 107 | <211> LENGTH: 124 | |
| 108 | <212> TYPE: DNA | |
| 109 | <213> ORGANISM: Homo sapiens | |
| 110 | <400> SEQUENCE: 12 | |
| 111 | actccgcggt atctgcatcg ggcctcactg gcttcaggag ctgaataccc tcccaggcac | 60 |
| 112 | acacaggtgg gacacaaata agggtttttg aaccactatt ttctcatcac gacagcaact | 120 |
| 113 | taaa | 124 |
| 114 | <210> SEQ ID NO 13 | |
| 115 | <211> LENGTH: 262 | |
| 116 | <212> TYPE: DNA | |
| 117 | <213> ORGANISM: Homo sapiens | |
| 118 | <400> SEQUENCE: 13 | |
| 119 | taaaatagca acactctata tttagattgt taaaataact agtgttgctt ggactattat | 60 |
| 120 | aattttaatgc atgttaggaa aatttcacat taatatttgc tgacagctga cctttgtcat | 120 |
| 121 | ctttcttcta ttttattccc tttcacaaaa ttttattcct atatagttta ttgacaataa | 180 |
| 122 | tttcaggttt tgtaaagatg ccgggtttta tatttttata gacaaaataa aagcaaaggg | 240 |
| 123 | agcactgggt tgactttcag gt | 262 |
| 124 | <210> SEQ ID NO 14 | |
| 125 | <211> LENGTH: 253 | |
| 126 | <212> TYPE: DNA | |
| 127 | <213> ORGANISM: Homo sapiens | |
| 128 | <400> SEQUENCE: 14 | |
| 129 | cgaggaggag gggactgggg tcccggattc ttgggtctcc aagaagtctg tccacagact | 60 |
| 130 | tctgccctgg ctcttcccca tctaggcctg ggcaggaaca tatattattt atttaagcaa | 120 |
| 131 | ttacttttca tgttggggtg gggacggagg ggaaaggga gcttgggttt ttgtacaaaa | 180 |
| 132 | atgtgagaaa cctttgtgag acagagaaca gggaattaaa tgtgtcatac atatccactt | 240 |
| 133 | gagggcgatt tgt | 253 |
| 134 | <210> SEQ ID NO 15 | |
| 135 | <211> LENGTH: 285 | |
| 136 | <212> TYPE: DNA | |
| 137 | <213> ORGANISM: Homo sapiens | |
| 138 | <400> SEQUENCE: 15 | |
| 139 | gagccctcac ccccgccctc ccctactgtt ctcatggtgt tggcctcgtg tttgctatgc | 60 |
| 140 | caactagtag aaccttcttt cctaattccc ttatcttcat ggaaatggac tgactttatg | 120 |
| 141 | cctatgaagt ccccaggagc tacactgata ctgagaaaac caggctcttt ggggctagac | 180 |
| 142 | agactggcag agagtgagat ctccctctct gagaggagca gcagatgctc acagaccaca | 240 |
| 143 | ctcagctcag gcccttgga gcaggatggc tcctctaaga atctc | 285 |
| 144 | <210> SEQ ID NO 16 | |

PAGE: 4

RAW SEQUENCE LISTING
PATENT APPLICATION US/09/437,458

DATE: 04/13/2000
TIME: 09:51:21

Input Set: I437458.RAW

```

145 <211> LENGTH: 210
146 <212> TYPE: DNA
147 <213> ORGANISM: Homo sapiens
148 <400> SEQUENCE: 16
149 gatgagaggc aagatatgaa gatgaaatat tatttatcct atttattaaa tttaaaaagc 60
150 tttctcttta agttgctaca atttaaaaat caagtaagct actctaaatc agtatcagtt 120
151 gtgattatgt gtttaacatt gtatgtcttt attttgaaat aaatacatat gtggaaaaaa 180
152 caacatgagc tggctctctg gcaattatcc 210
153 <210> SEQ ID NO 17
154 <211> LENGTH: 239
155 <212> TYPE: DNA
156 <213> ORGANISM: Homo sapiens
157 <400> SEQUENCE: 17
158 ctggtttcat ttctactgtg actgatgtta catcacagtg ttgcaatgg tgttgccctg 60
159 agtggatctc caaggaccag gttattttta aaagatttgt tttgtcaagt gtcatatgta 120
160 ggtgtctgca cccaggggtg gggaaatgtt gggcagaagg gagaaggatc tagaatgtgt 180
161 tttctgaata acatttgtgt ggtgggttct ttggaaggag tgagatcatt ttcttatct 239
162 <210> SEQ ID NO 18
163 <211> LENGTH: 340
164 <212> TYPE: DNA
165 <213> ORGANISM: Rattus norvegicus
166 <400> SEQUENCE: 18
167 cctattagtg aagattggta aaattgtcag tttaaccggg ctgtcctact actaatatgt 60
168 aatttttcaa atatgaaaag gtttcagatt ttgttttagat ttatatcaca ttaaactctg 120
169 tcaaataaag gctgttttta tatgcatcgt tgatgttcca aaatgtgaag tctaaatggt 180
170 gtctgtatgt ccaattatta aataacttct aagatcattt ttaaaagtct gtagatggta 240
171 tggatagcta gttgtttgtt aatataaagt aaaagtagat agctgattta tgtgttacct 300
172 atgtcgtatg tatattaggt atcgtgttgt ctactaaag 340
173 <210> SEQ ID NO 19
174 <211> LENGTH: 240
175 <212> TYPE: DNA
176 <213> ORGANISM: Rattus norvegicus
177 <400> SEQUENCE: 19
178 gtcgacgtgt cgaaaggatg ctccagatat gaatgagcca gcggacgcgt gaatggaggt 60
179 ggatggaagc gtgaagtaca aggcggggct ccagctgggt gacctcgagg cagacaggcc 120
180 ggggtccct cccctctcct cccagcctcc cactccgctc ccctccccgc ggcgcgcaga 180
181 ccttccgagc cctcccgagc taccgcgggc aacagagacg ggaccacgca gccaccgagc 240
182 <210> SEQ ID NO 20
183 <211> LENGTH: 259
184 <212> TYPE: DNA
185 <213> ORGANISM: Mus musculus
186 <400> SEQUENCE: 20
187 gccctctgtc agcagctctc cagcatggtc ctctgacact cctcagatga actgtttctca 60
188 tcggaagctt gctgtctttt tacaagatga gcttttactc tcttccagga agtagctttt 120
189 tttctagctg agaattaata atggtctttc tctttggaag tcatatcaaa gtataattga 180
190 tgggggcctt gttttgtttt ggtttttgga gacagggctc cactgtgtag tcctagctgg 240
191 cctggaactc actatgtag 259

```

PAGE: 5

VERIFICATION SUMMARY
PATENT APPLICATION US/09/437,458

DATE: 04/13/2000
TIME: 09:51:21

Input Set: I437458.RAW

Line ? Error/Warning

Original Text
